



Date of Competition Notice publication on the web: **April 9, 2021**

Deadline for applications submission: **May 1, 2021**

**COMPETITIVE CALL FOR RESEARCH AWARDS
YITP 2019 ACRI - XV SIMAI CONGRESS (SIMAI 2020+21)**

ART. 1 – Description and summary sheet

With reference to the year 2021, a competitive call for the awarding of research prizes, funded by ACRI (Association of Foundations and Banks Savings SpA) through the Young Investigator Training Program (YITP) 2019, is launched, in the framework of the of the XV Congress of the Italian Society for Applied and Industrial Mathematics - SIMAI 2020 + 21 - which will take place at the University of Parma from 30 August to 03 September 2021.

The awards are intended for young scholars currently affiliated to foreign Research Centers who will have to attend the SIMAI 2020 + 21 Congress by presenting a scientific contribution in the YITP Minisymposium and to spend at least one month in one of the qualified Italian institutions affiliated to the Program, indicated in next ART. 2, carrying out collaborative research activities exclusively, not supported by other funding. The month of stay can be divided into several periods and must be carried out by 30 November 2021.

The prizes, which will be awarded by the Department of Mathematical, Physical and Computer Sciences of the University of Parma, will consist of a contribution, intended as gross amount and inclusive of any charges required by current regulations, of 3000 euros for researchers coming from the European area and 4000 euros for researchers coming from the non-European area.

Project Title:			
NuMeRI: Numerical Methods and Models for Research and Industry			
Project Goal:			
Awarding of research prizes for the development and analysis of innovative models and approximation techniques to address current scientific problems.			
Scientific Responsible:			
Prof.	Alessandra AIMI	E-Mail:	alessandra.aimi@unipr.it infosimai2020@unipr.it
Research agreement or reference project/s with the availability of funds to cover the entire cost of research awarded prizes:			
ACRI Research Agreement (prot. n. 452 del 6.4.2021)			
U-GOV Project code: AIMI_2021_ACRI_YITP2021			



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Title required for access to the selection:			
Affiliation to a foreign Research Center (permanent or temporary position, scholarship, research grant, others)			
Minimum duration of the research period to be carried out in Italy:			
1 month, also divisible into several periods, by 30 November 2021.			
Gross prize amount, before deductions charged to the recipient and to the University, and method of disbursement:			
€ 3000 for researchers coming from European area € 4000 for researchers coming from the non-European area. The above prizes, intended as gross amounts and inclusive of any charges required by current regulations, will be paid in a single instalment deferred at the end of the visiting period.			
Criteria of selection:			
Based on qualifications.			
Scores:			
Curriculum	30/100	Publications	30/100
Proposed Research Project	30/100	Other Qualifications	10/100
Eligibility is achieved with a score of at least 60/100. The winners will be identified on the basis of the merit ranking and on ACRI overall funding.			

Advertising of this competitive call:			
The competitive call, the attached application form and all the acts together with the final ranking for awarding the prizes will be published at: https://smfi.unipr.it/it/dipartimento/bandi-e-concorsi and on the web site of SIMAI2020+21 Congress: www.simai.unipr.it .			
Administrative Secretariat of the Department:			
Responsible for the administrative procedure: Dott.ssa Maria Grazia Dallatana			
Address: Department of Mathematical, Physical and Computer Sciences – Mathematics Building, Parco Area delle Scienze 53/A (Campus), Parma			
Tel.: 0521 905296			
E-mail: mariagrazia.dallatana@unipr.it			
P.E.C.: DipScienzeMFI@pec.unipr.it			
How to submit applications:			
<ul style="list-style-type: none">• Telematic submission to the e-mail address: protocollodipscienzemfi@unipr.it attaching a copy of a valid identity document. The date and time of receipt in the SMFI Department's registration system will be taken into account.• Telematic submission by PEC to the e-mail address DipScienzeMFI@pec.unipr.it The date and time of receipt in the SMFI Department's registration system will be taken into account.			



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ART. 2 - Institutions Affiliated to the Program YITP 2019 - SIMAI2020+21 and contact people

The Research Centers listed below, together with a local contact person, are allowed to host up to three researchers who request them:

1. University of Parma: Department of Engineering and Architecture (Dott. Luca Cattani)
2. University of Parma: Department of Mathematical, Physical and Computer Sciences (Prof. Chiara Guardasoni)
3. University of L'Aquila: Department of Industrial and Information Engineering and Economics (Prof. Filippo de Monte)
4. University of Bari: Department of Mathematics (Prof. Luciano Lopez)
5. CRS4, Cagliari (Prof. Giorgio Fotia)
6. University of Cagliari: Department of Mathematics and Computer Science (Prof. Luisa Fermo)
7. University of Catania: Department of Mathematics and Computer Science (Prof. Giovanni Russo)
8. University of Ferrara: Department of Mathematics and Computer Science (Prof. Valeria Ruggiero)
9. University of Florence: Department of Mathematics and Computer Science (Prof. Alessandra Sestini)
10. University of Insubria: Department of Human Sciences and Land Innovation (Prof. Stefano Serra-Capizzano)
11. Politecnico di Milano: Department of Mathematics (Prof. Luca Formaggia)
12. University of Milan: Department of Environmental Science and Policy (Prof. Giovanni Naldi)
13. University of Modena and Reggio Emilia: Department of Physical, Computer and Mathematical Sciences (Prof. Marco Prato)
14. University of Naples "Federico II": Department of Mathematics and Applications (Prof. Francesco Calabrò)
15. University of Padua: Department of Mathematics (Prof. Stefano De Marchi)
16. University of Pavia: Department of Mathematics (Prof. Giancarlo Sangalli)
17. University of Pisa: Department of Information Engineering (Prof. Sauro Filippeschi)
18. IAC-CNR, Rome (Prof. Roberto Natalini)
19. University of Rome 3 and UNINETTUNO: Department of Mathematics and Physics (Prof. Renato Spigler)
20. University of Siena: Department of Information Engineering and Mathematical Sciences (Prof. Lucia Sampoli)
21. Politecnico di Torino: Interuniversity Department of Regional and Urban Studies and Planning (Prof. Elena De Angelis)
22. University of Turin: Department of Mathematics (Prof. Ezio Venturino)

ART. 3 - Admission requirements

This Call is intended for young scholars

- with affiliation to foreign Universities or Research Centers
- under 40 years of age



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who will attend SIMAI 2020+21 Congress, from 30 August to 3 September 2021, at the University of Parma.

Participation to the selection procedures for the awarding of research prizes is precluded to those who have a degree of kinship or affinity (up to and including the fourth degree) or marriage relationship with a member belonging to the structure requesting the activation of the prizes or with the Rector, the General Manager or a member of the University Board.

The requisites must be possessed at the deadline for the application submission. The Selection Committee may order at any time the exclusion from the selection for lack of the prescribed requirements.

ART. 4 – Application submission

The application must be submitted **no later than:**

01/05/2021

by sending an email accompanied by the required documentation, described in the following ART. 5, to: **protocollodipscienzemfi@unipr.it** or by PEC to the address: **DipScienzeMFI@pec.unipr.it**, with subject: **YITP 2019 - SIMAI 2020+21**.

Applications delivered or received after the deadline will be excluded.

The Administration assumes no responsibility for any misunderstandings attributable to third parties, unforeseeable circumstances or force majeure.

ART. 5 – Required documentation

Under penalty of exclusion from the procedure, the following documentation has to be sent in order to participate to the competition:

- a) Application form (All.1) fully completed under applicant's own responsibility, dated and signed, indicating:
 - surname and name, date and place of birth, citizenship, home address
 - affiliation
 - e-mail address
 - title and authors of the scientific contribution to be submitted at YITP-SIMAI2020+21 minisymposium
 - selection of 3 possible Research Centers
 - proposed period of stay (minimum 1 month, also divisible, possibly including the week of Congress attendance)
 - research project to be developed at the hosting Italian Research Center
- b) Curriculum vitae
- c) List of scientific publications



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- d) Possible support letters (max 2)
- e) Copy of a valid identification document
- f) Declaration of authorization for the processing of personal data pursuant to Art. 13 of General Data Protection Regulation EU 2016/679

ART. 6 - Selection committee and evaluation criteria

The selection will be undertaken by a Committee composed by three members, internal and external to the University of Parma, appointed by Department provision, which will carry out a comparative evaluation of the candidates, according to the following merit criteria, in agreement with ACRI:

- scientific career (CV);
- quality of developed research (publications);
- possible support letters (max 2);
- research project to be developed at the hosting Italian Research Center.

The maximum score attributable to each candidate is set at 100 points; eligibility is achieved with a minimum score of 60.

The Commission will define the related merit ranking of eligible candidates, indicating the winners of the research prize, i.e. the first candidates usefully positioned up to the total amount of ACRI funding. In the event of equal merit, the youngest candidate will prevail.

The Commission's judgment is unquestionable.

ART. 7 - Publication of the competitive call and final ranking; notification of results

The competitive call, the attached application form and all the acts together with final ranking for awarding the YITP prizes will be published at:

<https://smfi.unipr.it/it/dipartimento/bandi-e-concorsi>

and on the web site of SIMAI2020+21 Congress: www.simai.unipr.it.

The winners will be notified to their e-mail address indicated in the application form; in the aforementioned communication, the host institution will also be assigned to each winner.

ART. 8 - Winners: methods of acceptance

The winners will have to submit:

- written acceptance and the forms required for the disbursement of the research award (fully completed in all parts, signed in original and including a copy of a valid identity document), to the e-mail address protocollodipscienzemfi@unipr.it (or, via PEC, to the



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address **DipScienzeMFI@pec.unipr.it**), with subject: **YITP 2019 - SIMAI 2020 + 21: acceptance, no later than**

01/06/2021

- abstract of the talk for the YITP minisymposium organized at SIMAI 2020+21 Congress, to: **infosimai2020@unipr.it**, with subject: **YITP 2019 – SIMAI 2020+21: abstract, no later than 15/06/2021.**

Failure to receive such documentation within the indicated terms will implicitly represent the rejection of the prize by the winning candidate and will result in the scrolling of the ranking of eligible candidates with an appropriate postponement of the terms for documents submission.

ART. 9 – Duties of the winners and payment of the award; revocation of the prize

The research activity of the winners must take place **exclusively** at the host Center following the provisions in force in the Research Center, also concerning health and safety at work.

The research award will be paid in the gross amount before the charges provided for by law, including those borne by the University Administration, once the winners have submitted the following documentation:

- abstract of the talk given at YITP - SIMAI 2020+21 minisymposium
- certification, by the Research Center contact people, of the period of stay at the institution by the winner
- report of the scientific activity carried out at the host Research Center and of the results obtained in collaboration at the end of the monthly visiting period.

The disbursement of the research award does not imply in any way an employment relationship either with the University providing the funds or with the host organization. The prize cannot be combined with other funds, conferred for any reason.

If during the research activity the conditions set for the awarding of the prize are no longer met, the researcher must immediately notify **protocollodipscienzemfi@unipr.it**.

The award may be revoked in the following cases:

- subsequent renunciation of the winner
- agreed monthly period not completed

ART.10 – Information on the processing of personal data

a) SUBJECTS OF THE TREATMENT



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The Data Controller is the University of Parma, based in via Università 12, 43121 Parma, Italy - Tel. +390521902111 - email: protocollo@pec.unipr.it

The Data Protection Officer can be contacted by sending an email to the following address: dpo@unipr.it (or dpo@pec.unipr.it).

b) **PURPOSE AND METHODS OF TREATMENT**

The provided data are processed by the University of Parma, as Data Controller, for institutional purposes, such as carrying out administrative, teaching and research activities.

The processing is necessary for the pursuit of the institutional purpose, pursuant to Art. 6 of the General Data Protection Regulation EU 2016/679 (hereinafter GDPR), and in compliance with the general principles of lawfulness, fairness and transparency for specific, explicit, legitimate purposes, in a manner relevant to the processing, respecting the principles of data minimization, accuracy, storage limitation, integrity and confidentiality, accountability.

The data collected will be recorded, processed and stored for the time strictly necessary to achieve the purposes for which they were collected.

Personal data will be collected by the University of Parma and may be disclosed for research and / or statistical reasons to external parties acting on its behalf.

The data will be processed with the aid of electronic tools; the computer systems are equipped with measures to prevent the loss of data, illicit or incorrect use and unauthorized access.

c) **NATURE OF DATA SUBMISSION AND CONSEQUENCES OF ANY REFUSAL TO ANSWER**

The provision of data for the purposes referred to in the previous point is essential for carrying out the institutional purpose. Refusal to provide them will not allow the University of Parma to provide any service.

d) **RIGHTS OF THE INTERESTED PARTY**

As an interested party, you enjoy the rights (articles 15, 16, 17, 18, and 21 of the GDPR) to ask the data controller for confirmation of the existence (or otherwise) of personal data, to access to the same data, to know the origin of the data, to obtain the limitation of processing, updating, rectification or cancellation of them and the right to oppose to the processing based on particular reasons.

The interested party also has the right to lodge a complaint with the supervisory authority: Privacy Guarantor (www.garanteprivacy.it)

ART.11 – Competitive call publicity and further information request

This announcement will be published, for a period of at least 15 days, on the page <https://smfi.unipr.it/it/dipartimento/bandi-e-concorsi> and on the website of the SIMAI 2020 + 21 congress www.simai.unipr.it.

For more information or requests for clarification, as well as for any communications, one can write to infosimai2020@unipr.it or contact the Head of the Procedure, Dr. Maria Grazia Dallatana, Department of Mathematical, Physical and Computer Sciences, University of Parma (mariagrazia.dallatana@unipr.it).



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The Head of the Department of Mathematical
Physical and Computer Sciences

Signed Prof. Adriano Tomassini

Handwritten signature replaced by in print
indication pursuant to Art. 3, paragraph 2, of
D.Lgs. n. 39/93